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30 wherein the transgene, in a lactating form of the  
31 bovine or a female descendent of the bovine, is capable of  
32 directing the expression of the secretory-recombinant DNA  
33 sequence in bovine mammary secretory cells to produce a form of  
34 recombinant polypeptide, that when secreted from the mammary  
35 secretory cells produces the recombinant polypeptide in the milk  
36 of the bovine or female descendent thereof.

37 126. The transgenic bovine of claim 124, wherein the transgene is  
38 introduced into the zygote by microinjection.

39 127. The transgenic bovine of claim 125, wherein the transgene  
40 is introduced into the zygote by microinjection.

41 Remarks

42 Claims 73, 82, 83, 97 and 98-127 are pending. New claims  
43 98-121 and 123 are generally similar to claims pending in the  
44 grandparent application, USSN 07/898,956 (now abandoned) at the  
45 time of the final rejection in that case. New claims 122 and  
46 124-127 are directed to methods of producing transgenic bovines  
47 employing *in vitro* fertilization, and the transgenic bovines  
48 thereby produced. The Examiner is requested to pay particular  
49 attention to the failure of the art cited in the parent case to  
50 disclose any examples of viable transgenic bovines or the use of  
51 *in vitro* fertilization in generation of such bovines. See  
52 Response filed November 23, 1993 at pp. 14-16. Support for terms  
53 not used in the claims from the grandparent case is provided as  
54 follows. The term "enhancer" in claim 98 is supported at e.g.,  
55 p. 18, second paragraph. The 2 kb 3' flanking sequence in claim  
56 101 is supported at e.g., p. 20, first paragraph. The 16 kb 5'  
57 flanking sequence of claim 102 is supported at e.g., p. 21, Table  
58 1. New claims 122 and 124-127 are supported by e.g., Examples 6  
59 and 15.  
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